

Follistatin, mouse recombinant protein
FS, activin-binding protein, FSH-suppressing protein (FSP)
Catalog # PBV10373r**Specification****Follistatin, mouse recombinant protein - Product info**

Primary Accession [P47931](#)
Calculated MW **31.6 kDa** KDa

Follistatin, mouse recombinant protein - Additional Info

Gene ID **14313**
Gene Symbol **FST**

Other Names

FS, activin-binding protein, FSH-suppressing protein (FSP)

Gene Source	Mouse
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	HPLC; ≥90%
Recombinant	Yes
Results	0.3 ug/mL
Sequence	MGNCWLRQAK NGRCQVLTKT ELSKEECST GRLSTSWTEE DVNDNTLFKW MIFNGGAPNC IPCKETCENV DCGPGKKCRM NKKNKPRCVC APDCSNITWK GPVCGLDGKT YRNECALLKA RCKEQPELEV QYQGRCKKTC RDVFCPGSST CVVDQTNAY CVTCNRICPE PASSEQYLCG NDGVTYSSAC HLRKATCLLG RSIGLAYEGK CIKAKSCEDI QCTGGKKCLW DS

Application Notes

Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/mL, which can be further diluted into other aqueous solutions.

Format

Lyophilized protein

Storage

-20°C; Recombinant mouse Follistatin is lyophilized from 10 mM Na₂PO₄ + 50 mM NaCl, pH 7.5.

Follistatin, mouse recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Follistatin, mouse recombinant protein - Images

Follistatin, mouse recombinant protein - Background

Follistatin is an autocrine acting protein that is expressed by many tissues, but at noticeably higher levels in the ovary and skin. Follistatin functions to negatively regulate the signaling of a wide variety of TGF-beta family members (activin, BMPs, myostatin, GDF-11 and TGF-beta 1). Mechanistically, follistatin works as an antagonist by complexing with TGF-beta family members to prevent them from interacting with their signaling receptors. Recombinant mouse follistatin is a nonglycosylated protein, containing 289 amino acids, with a molecular weight of 31.6 kDa.

Follistatin, mouse recombinant protein - References

Albano R.M., et al. Development 120:803-813(1994).
Tuuri T., et al. Endocrinology 135:2196-2203(1994).